25-119, 25-118, 25-117, 25-116, 25-115, 26-122, 26-121, 26-120, 26-119, 26-118, 26-117, 26-116, 26-115, 27-122, 27-121, 27-120, 27-119, 27-118, 27-117, 27-116, 27-115, 28-122, 28-121, 28-120, 28-119, 28-118, 28-117, 28-116, 28-115, 29-122, 29-121, 29-120, 29-119, 29-118, 29-117, 29-116, 29-115, 30-122, 30-121, 30-120, 30-119, 30-118, 30-117, 30-116, 30-115, 31-122, 31-121, 31-120, 31-119, 31-118, 31-117, 31-116, 31-115, 32-122, 32-121, 32-120, 32-119, 32-118, 32-117, 32-116, or 32-115 of SEQ ID NO: 16;

or variants and derivatives thereof; provided however, that when the truncated sTNFR polypeptide comprises the amino acid residues 15-122, 16-122, 17-122, 18-122, 19-122, 20-122, 21-122, 22-122, 23-122, 24-122, 25-122, 26-122, 27-122, 28-122, 29-122, 30-122, 31-122, or 32-122 of SEQ ID NO: 16, the polypeptide does not further comprise amino acid residues 123-179 of SEQ ID NO: 16, or a portion thereof;

and optionally further comprising an amino-terminal methionine.

REMARKS

Claim Status. Claims 1 to 31 are pending in the application. Claims 1 and 3 are amended hereby. No claim has been added or canceled.

Support for Amendments. In order to bring the instant application into compliance with 37 C.F.R. § 1.822(e), Applicants amended the specification and claims in a Preliminary Amendment filed January 29, 2002. Applicants noticed in preparing the instant response that the amendments of January 29, 2002 resulted in the inadvertent omission of certain contiguous fragments, particularly those extending only to residue 103 at the C-terminus and those beginning at residue 19 at the N-terminus. Such fragments are clearly supported in the specification prior to the amendment of January 29, 2002 (*see, e.g.*, page 6, line 8 *et seq.*). Applicants seek entry of the above-described amendments solely to correct these inadvertent omissions and contend that no new matter has been added by these amendments.

Election under Restriction Requirement. Applicants elect to prosecute claims 1-12, 22-25, 28, and 31, designated as Group A by the Examiner. The Action states that the claims of Group A are drawn to truncated sTNFR polypeptides. Applicants further elect to prosecute the claims that are drawn to the sTNFR polypeptide of SEQ ID NO: 2, with traverse. Applicants also elect the species of truncated sTNFR polypeptide comprising amino acid residues 1-105 of SEQ ID NO: 2, further comprising an amino-terminal methionine (*i.e.*, the species of truncated

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sTNFR polypeptide comprising the amino acid sequence of SEQ ID NO: 8). The Action states that the specific truncations of the polypeptide of SEQ ID NO: 2 that are listed in claim 1 constitute patentably distinct species of the claimed invention. The basis for Applicants' traversal of the requirement is as follows.

Applicants respectfully submit that there will be no undue hardship on the Office in performing a search with respect to the sTNFR-I polypeptides of SEQ ID NO: 2, SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, and SEQ ID NO: 14. The truncated sTNFR-I polypeptides of SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, and SEQ ID NO: 14 share 100% sequence identity with residues 19-104 of the sTNFR-I polypeptide of SEQ ID NO: 2 (*see* Exhibit A, which contains a sequence alignment performed using the application MacVector 7.1.1 (Accelrys, Cambridge, UK; http://www.accelrys.com) at the default settings). The relationship of the truncated sTNFR-I polypeptides of SEQ ID NO: 2, SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, and SEQ ID NO: 14 to the sTNFR-I polypeptide of SEQ ID NO: 2 is shown in Table I.

Table I

SEQ ID NO:	Construct	Relationship to SEQ ID NO: 2
4	sTNFR-I 2.6D/C105	residues 1-105 of SEQ ID NO: 2, further comprising an amino-terminal methionine, and having a Cys substitution at position 105
6	sTNFR-I 2.6D/C106	residues 1-108 of SEQ ID NO: 2, further comprising an amino-terminal methionine
8	sTNFR-I 2.6D/N105	residues 1-105 of SEQ ID NO: 2, further comprising an amino-terminal methionine
10	sTNFR-I 2.3D/d8	residues 19-105 of SEQ ID NO: 2, further comprising an amino-terminal methionine
12	sTNFR-I 2.3D/d18	residues 9-105 of SEQ ID NO: 2, further comprising an amino-terminal methionine
14	sTNFR-I 2.3D/d15	residues 16-105 of SEQ ID NO: 2, further comprising an amino-terminal methionine, and having a Ser substitution at position 18

As indicated in Table I, the truncated sTNFR-I polypeptides of SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, and SEQ ID NO: 14 comprise species

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of the genus of truncated sTNFR polypeptides of claim 1 (*i.e.*, the polypeptides of SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, and SEQ ID NO: 12 are fragments of SEQ ID NO: 2, and the polypeptides of SEQ ID NO: 4 and SEQ ID NO: 14 are fragments of SEQ ID NO: 2 having a single amino acid substitution). As the polypeptides of SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, and SEQ ID NO: 14 comprise species of the specific truncations of the polypeptide of SEQ ID NO: 2 that are listed in claim 1, Applicants respectfully request reconsideration of the restriction requirement of section 3 of the instant Action.

Applicants enclose a petition for a one-month extension of time. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 13-2490.

Conclusion. If Examiner O'Hara believes it to be helpful, she is invited to contact the undersigned representative by telephone at (312) 913-0001. In light of the foregoing amendments and remarks, the Applicants respectfully request entry of all amendments, removal of all requirements, and allowance of all claims.

Respectfully submitted,
McDonnell Boehnen Hulbert & Berghoff

Dated: November 12, 2002

By: _____
Donald L. Zuhn, Ph.D.
Reg. No. 48,710

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EXHIBIT A

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ClustalW (v1.4) multiple sequence alignment

7 Sequences Aligned              Alignment Score = 14527
Gaps Inserted = 0                Conserved Identities = 86

SEQ02     1  DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSF  49
SEQ04     1 MDSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSF  50
SEQ06     1 MDSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSF  50
SEQ08     1 MDSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSF  50
SEQ10     1                    MCTKCHKGTYLYNDCPGPGQDTDCRECESGSF  32
SEQ12     1          MYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSF  42
SEQ14     1                 MSISCTKCHKGTYLYNDCPGPGQDTDCRECESGSF  35
                               ********************************

SEQ02    50 TASENHLRHCLSCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSEN  99
SEQ04    51 TASENHLRHCLSCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSEN 100
SEQ06    51 TASENHLRHCLSCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSEN 100
SEQ08    51 TASENHLRHCLSCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSEN 100
SEQ10    33 TASENHLRHCLSCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSEN  82
SEQ12    43 TASENHLRHCLSCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSEN  92
SEQ14    36 TASENHLRHCLSCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSEN  85
            **************************************************

SEQ02   100 LFQCFNCSLCLNGTVHLSCQEKQNTVCTCHAGFFLRENECVSCSNCKKSL 149
SEQ04   101 LFQCFC                                             106
SEQ06   101 LFQCFNCSL                                          109
SEQ08   101 LFQCFN                                             106
SEQ10    83 LFQCFNCSL                                           91
SEQ12    93 LFQCFNCSL                                          101
SEQ14    86 LFQCFNCSL                                           94
            *****

SEQ02   150 ECTKLCLPQIEN 161
SEQ04   107              106
SEQ06   110              109
SEQ08   107              106
SEQ10    92               91
SEQ12   102              101
SEQ14    95               94
```

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AMENDMENTS TO THE SPECIFICATION

Marked Up Version of Specification under 37 C.F.R. 1.121(b)(1)(iii)

Please amend the specification at page 6, line 8 to page 7, line 5 to read as follows:

The truncated sTNFRs of the present invention include polypeptides comprising amino acid residues 1-110, 1-109, 1-108, 1-107, 1-106, 1-105, 1-104, 1-103, 2-110, 2-109, 2-108, 2-107, 2-106, 2-105, 2-104, 2-103, 3-110, 3-109, 3-108, 3-107, 3-106, 3-105, 3-104, 3-103, 4-110, 4-109, 4-108, 4-107, 4-106, 4-105, 4-104, 4-103, 5-110, 5-109, 5-108, 5-107, 5-106, 5-105, 5-104, 5-103, 6-110, 6-109, 6-108, 6-107, 6-106, 6-105, 6-104, 6-103, 7-110, 7-109, 7-108, 7-107, 7-106, 7-105, 7-104, 7-103, 8-110, 8-109, 8-108, 8-107, 8-106, 8-105, 8-104, 8-103, 9-110, 9-109, 9-108, 9-107, 9-106, 9-105, 9-104, 9-103, 10-110, 10-109, 10-108, 10-107, 10-106, 10-105, 10-104, 10-103, 11-110, 11-109, 11-108, 11-107, 11-106, 11-105, 11-104, 11-103, 12-110, 12-109, 12-108, 12-107, 12-106, 12-105, 12-104, 12-103, 13-110, 13-109, 13-108, 13-107, 13-106, 13-105, 13-104, 13-103, 14-110, 14-109, 14-108, 14-107, 14-106, 14-105, 14-104, 14-103, 15-110, 15-109, 15-108, 15-107, 15-106, 15-105, 15-104, 15-103, 16-110, 16-109, 16-108, 16-107, 16-106, 16-105, 16-104, 16-103, 17-110, 17-109, 17-108, 17-107, 17-106, 17-105, 17-104, 17-103, 18-110, 18-109, 18-108, 18-107, 18-106, 18-105, ~~or~~ 18-104, 18-103, 19-110, 19-109, 19-108, 19-107, 19-106, 19-105, 19-104, or 19-103 of SEQ ID NO: 2;
or variants thereof; provided however, that when the truncated sTNFR polypeptide comprises amino acid residues 3-110, 4-110, 5-110, 6-110, 7-110, 8-110, 9-110, 10-110, 11-110, 12-110, 13-110, 14-110, 15-110, 16-110, 17-110, ~~or~~ 18-110, or 19-110 of SEQ ID NO: 2, the polypeptide does not further comprise amino acid residues 111-161 of SEQ ID NO: 2, or a portion thereof; and optionally further comprising an amino-terminal methionine.

Please amend the specification at page 7, line 13 to page 8, line 24 to read as follows:

The truncated sTNFRs of the present invention also include polypeptides comprising amino acid residues 1-122, 1-121, 1-120, 1-119, 1-118, 1-117, 1-116, 1-115, 2-122, 2-121, 2-120, 2-119, 2-118, 2-117, 2-116, 2-115, 3-122, 3-121, 3-120, 3-119, 3-118, 3-117, 3-116, 3-115, 4-122, 4-121, 4-120, 4-119, 4-118, 4-117, 4-116, 4-115, 5-122, 5-121, 5-120, 5-119, 5-118, 5-

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117, 5-116, 5-116, 6-122, 6-121, 6-120, 6-119, 6-118, 6-117, 6-116, 6-115, 7-122, 7-121, 7-120, 7-119, 7-118, 7-117, 7-116, 7-115, 8-122, 8-121, 8-120, 8-119, 8-118, 8-117, 8-116, 8-115, 9-122, 9-121, 9-120, 9-119, 9-118, 9-117, 9-116, 9-115, 10-122, 10-121, 10-120, 10-119, 10-118, 10-117, 10-116, 10-115, 11-122, 11-121, 11-120, 11-119, 11-118, 11-117, 11-116, 11-115, 12-122, 12-121, 12-120, 12-119, 12-118, 12-117, 12-116, 12-115, 13-122, 13-121, 13-120, 13-119, 13-118, 13-117, 13-116, 13-115, 14-122, 14-121, 14-120, 14-119, 14-118, 14-117, 14-116, 14-115, 15-122, 15-121, 15-120, 15-119, 15-118, 15-117, 15-116, 15-115, 16-122, 16-121, 16-120, 16-119, 16-118, 16-117, 16-116, 16-115, 17-122, 17-121, 17-120, 17-119, 17-118, 17-117, 17-116, 17-115, 18-122, 18-121, 18-120, 18-119, 18-118, 18-117, 18-116, 18-115, 19-122, 19-121, 19-120, 19-119, 19-118, 19-117, 19-116, 19-115, 20-122, 20-121, 20-120, 20-119, 20-118, 20-117, 20-116, 20-115, 21-122, 21-121, 21-120, 21-119, 21-118, 21-117, 21-116, 21-115, 22-122, 22-121, 22-120, 22-119, 22-118, 22-117, 22-116, 22-115, 23-122, 23-121, 23-120, 23-119, 23-118, 23-117, 23-116, 23-115, 24-122, 24-121, 24-120, 24-119, 24-118, 24-117, 24-116, 24-115, 25-122, 25-121, 25-120, 25-119, 25-118, 25-117, 25-116, 25-115, 26-122, 26-121, 26-120, 26-119, 26-118, 26-117, 26-116, 26-115, 27-122, 27-121, 27-120, 27-119, 27-118, 27-117, 27-116, 27-115, 28-122, 28-121, 28-120, 28-119, 28-118, 28-117, 28-116, 28-115, 29-122, 29-121, 29-120, 29-119, 29-118, 29-117, 29-116, 29-115, 30-122, 30-121, 30-120, 30-119, 30-118, 30-117, 30-116, 30-115, 31-122, 31-121, 31-120, 31-119, 31-118, 31-117, ~~or~~ 31-116, 31-115, 32-122, 32-121, 32-120, 32-119, 32-118, 32-117, 32-116, or 32-115 of SEQ ID NO: 16;
or variants and derivatives thereof; provided however, that when the truncated sTNFR polypeptide comprises the amino acid residues 15-122, 16-122, 17-122, 18-122, 19-122, 20-122, 21-122, 22-122, 23-122, 24-122, 25-122, 26-122, 27-122, 28-122, 29-122, 30-122, ~~or~~ 31-122, or 32-122 of SEQ ID NO: 16, the polypeptide does not further comprise amino acid residues 123-179 of SEQ ID NO: 16, or a portion thereof;
and optionally further comprising an amino-terminal methionine.

Please amend the specification at page 14, line 1 to page 16, line 12 to read as follows:

As used herein, the term "truncated sTNFR(s)" includes one or more biologically active synthetic or recombinant molecules comprising amino acid residues 1-110, 1-109, 1-108, 1-107, 1-106, 1-105, 1-104, 1-103, 2-110, 2-109, 2-108, 2-107, 2-106, 2-105, 2-104, 2-103, 3-110, 3-

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109, 3-108, 3-107, 3-106, 3-105, 3-104, 3-103, 4-110, 4-109, 4-108, 4-107, 4-106, 4-105, 4-104, 4-103, 5-110, 5-109, 5-108, 5-107, 5-106, 5-105, 5-104, 5-103, 6-110, 6-109, 6-108, 6-107, 6-106, 6-105, 6-104, 6-103, 7-110, 7-109, 7-108, 7-107, 7-106, 7-105, 7-104, 7-103, 8-110, 8-109, 8-108, 8-107, 8-106, 8-105, 8-104, 8-103, 9-110, 9-109, 9-108, 9-107, 9-106, 9-105, 9-104, 9-103, 10-110, 10-109, 10-108, 10-107, 10-106, 10-105, 10-104, 10-103, 11-110, 11-109, 11-108, 11-107, 11-106, 11-105, 11-104, 11-103, 12-110, 12-109, 12-108, 12-107, 12-106, 12-105, 12-104, 12-103, 13-110, 13-109, 13-108, 13-107, 13-106, 13-105, 13-104, 13-103, 14-110, 14-109, 14-108, 14-107, 14-106, 14-105, 14-104, 14-103, 15-110, 15-109, 15-108, 15-107, 15-106, 15-105, 15-104, 15-103, 16-110, 16-109, 16-108, 16-107, 16-106, 16-105, 16-104, 16-103, 17-110, 17-109, 17-108, 17-107, 17-106, 17-105, 17-104, 17-103, 18-110, 18-109, 18-108, 18-107, 18-106, 18-105, ~~or~~ 18-104, 18-103, 19-110, 19-109, 19-108, 19-107, 19-106, 19-105, 19-104, or 19-103 of SEQ ID NO: 2; and variants (including insertion, substitution and deletion variants) thereof (as described below); provided however, that when the truncated sTNFR polypeptide comprises amino acid residues 3-110, 4-110, 5-110, 6-110, 7-110, 8-110, 9-110, 10-110, 11-110, 12-110, 13-110, 14-110, 15-110, 16-110, 17-110, ~~or~~ 18-110, or 19-110 of SEQ ID NO: 2, the polypeptide does not further comprise amino acid residues 111-161 of SEQ ID NO: 2, or a portion thereof; and optionally further comprising an amino-terminal methionine. The term "truncated sTNFR(s)" also includes one or more biologically active synthetic or recombinant molecules comprising amino acid residues 1-122, 1-121, 1-120, 1-119, 1-118, 1-117, 1-116, 1-115, 2-122, 2-121, 2-120, 2-119, 2-118, 2-117, 2-116, 2-115, 3-122, 3-121, 3-120, 3-119, 3-118, 3-117, 3-116, 3-115, 4-122, 4-121, 4-120, 4-119, 4-118, 4-117, 4-116, 4-115, 5-122, 5-121, 5-120, 5-119, 5-118, 5-117, 5-116, 5-116, 6-122, 6-121, 6-120, 6-119, 6-118, 6-117, 6-116, 6-115, 7-122, 7-121, 7-120, 7-119, 7-118, 7-117, 7-116, 7-115, 8-122, 8-121, 8-120, 8-119, 8-118, 8-117, 8-116, 8-115, 9-122, 9-121, 9-120, 9-119, 9-118, 9-117, 9-116, 9-115, 10-122, 10-121, 10-120, 10-119, 10-118, 10-117, 10-116, 10-115, 11-122, 11-121, 11-120, 11-119, 11-118, 11-117, 11-116, 11-115, 12-122, 12-121, 12-120, 12-119, 12-118, 12-117, 12-116, 12-115, 13-122, 13-121, 13-120, 13-119, 13-118, 13-117, 13-116, 13-115, 14-122, 14-121, 14-120, 14-119, 14-118, 14-117, 14-116, 14-115, 15-122, 15-121, 15-120, 15-119, 15-118, 15-117, 15-116, 15-115, 16-122, 16-121, 16-120, 16-119, 16-118, 16-117, 16-116, 16-115, 17-122, 17-121, 17-120, 17-119, 17-118, 17-117, 17-116, 17-115, 18-122, 18-121, 18-120, 18-119, 18-118, 18-117, 18-116, 18-115, 19-122, 19-121, 19-120, 19-119, 19-118, 19-117, 19-116, 19-115, 20-122, 20-121, 20-120,

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20-119, 20-118, 20-117, 20-116, 20-115, 21-122, 21-121, 21-120, 21-119, 21-118, 21-117, 21-116, 21-115, 22-122, 22-121, 22-120, 22-119, 22-118, 22-117, 22-116, 22-115, 23-122, 23-121, 23-120, 23-119, 23-118, 23-117, 23-116, 23-115, 24-122, 24-121, 24-120, 24-119, 24-118, 24-117, 24-116, 24-115, 25-122, 25-121, 25-120, 25-119, 25-118, 25-117, 25-116, 25-115, 26-122, 26-121, 26-120, 26-119, 26-118, 26-117, 26-116, 26-115, 27-122, 27-121, 27-120, 27-119, 27-118, 27-117, 27-116, 27-115, 28-122, 28-121, 28-120, 28-119, 28-118, 28-117, 28-116, 28-115, 29-122, 29-121, 29-120, 29-119, 29-118, 29-117, 29-116, 29-115, 30-122, 30-121, 30-120, 30-119, 30-118, 30-117, 30-116, 30-115, 31-122, 31-121, 31-120, 31-119, 31-118, 31-117, ~~or~~ 31-116, 31-115, 32-122, 32-121, 32-120, 32-119, 32-118, 32-117, 32-116, or 32-115 of SEQ ID NO: 16; and variants (including insertion, substitution and deletion variants) thereof (as described below); provided however, that when the truncated sTNFR polypeptide comprises the amino acid residues 15-122, 16-122, 17-122, 18-122, 19-122, 20-122, 21-122, 22-122, 23-122, 24-122, 25-122, 26-122, 27-122, 28-122, 29-122, 30-122, ~~or~~ 31-122, or 32-122 of SEQ ID NO: 16, the polypeptide does not further comprise amino acid residues 123-179 of SEQ ID NO: 16, or a portion thereof; and optionally further comprising an amino-terminal methionine.

Please amend the specification at page 17, line 18 to page 19, line 24 to read as follows:

In one basic embodiment, truncated sTNFRs of the present invention may be one or more polypeptides comprising amino acid residues 1-110, 1-109, 1-108, 1-107, 1-106, 1-105, 1-104, 1-103, 2-110, 2-109, 2-108, 2-107, 2-106, 2-105, 2-104, 2-103, 3-110, 3-109, 3-108, 3-107, 3-106, 3-105, 3-104, 3-103, 4-110, 4-109, 4-108, 4-107, 4-106, 4-105, 4-104, 4-103, 5-110, 5-109, 5-108, 5-107, 5-106, 5-105, 5-104, 5-103, 6-110, 6-109, 6-108, 6-107, 6-106, 6-105, 6-104, 6-103, 7-110, 7-109, 7-108, 7-107, 7-106, 7-105, 7-104, 7-103, 8-110, 8-109, 8-108, 8-107, 8-106, 8-105, 8-104, 8-103, 9-110, 9-109, 9-108, 9-107, 9-106, 9-105, 9-104, 9-103, 10-110, 10-109, 10-108, 10-107, 10-106, 10-105, 10-104, 10-103, 11-110, 11-109, 11-108, 11-107, 11-106, 11-105, 11-104, 11-103, 12-110, 12-109, 12-108, 12-107, 12-106, 12-105, 12-104, 12-103, 13-110, 13-109, 13-108, 13-107, 13-106, 13-105, 13-104, 13-103, 14-110, 14-109, 14-108, 14-107, 14-106, 14-105, 14-104, 14-103, 15-110, 15-109, 15-108, 15-107, 15-106, 15-105, 15-104, 15-103, 16-110, 16-109, 16-108, 16-107, 16-106, 16-105, 16-104, 16-103, 17-110, 17-109, 17-108, 17-107, 17-106, 17-105, 17-104, 17-103, 18-110, 18-109, 18-108, 18-107, 18-106, 18-105, ~~or~~ 18-104,

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18-103, 19-110, 19-109, 19-108, 19-107, 19-106, 19-105, 19-104, or 19-103 of SEQ ID NO: 2; or variants thereof, provided however, that when the truncated sTNFR polypeptide comprises amino acid residues 3-110, 4-110, 5-110, 6-110, 7-110, 8-110, 9-110, 10-110, 11-110, 12-110, 13-110, 14-110, 15-110, 16-110, 17-110, ~~or~~ 18-110, or 19-110 of SEQ ID NO: 2, the polypeptide does not further comprise amino acid residues 111-161 of SEQ ID NO: 2, or a portion thereof.

In another basic embodiment, truncated sTNFRs of the present invention may be one or more polypeptides comprising amino acid residues 1-122, 1-121, 1-120, 1-119, 1-118, 1-117, 1-116, 1-115, 2-122, 2-121, 2-120, 2-119, 2-118, 2-117, 2-116, 2-115, 3-122, 3-121, 3-120, 3-119, 3-118, 3-117, 3-116, 3-115, 4-122, 4-121, 4-120, 4-119, 4-118, 4-117, 4-116, 4-115, 5-122, 5-121, 5-120, 5-119, 5-118, 5-117, 5-116, 5-116, 6-122, 6-121, 6-120, 6-119, 6-118, 6-117, 6-116, 6-115, 7-122, 7-121, 7-120, 7-119, 7-118, 7-117, 7-116, 7-115, 8-122, 8-121, 8-120, 8-119, 8-118, 8-117, 8-116, 8-115, 9-122, 9-121, 9-120, 9-119, 9-118, 9-117, 9-116, 9-115, 10-122, 10-121, 10-120, 10-119, 10-118, 10-117, 10-116, 10-115, 11-122, 11-121, 11-120, 11-119, 11-118, 11-117, 11-116, 11-115, 12-122, 12-121, 12-120, 12-119, 12-118, 12-117, 12-116, 12-115, 13-122, 13-121, 13-120, 13-119, 13-118, 13-117, 13-116, 13-115, 14-122, 14-121, 14-120, 14-119, 14-118, 14-117, 14-116, 14-115, 15-122, 15-121, 15-120, 15-119, 15-118, 15-117, 15-116, 15-115, 16-122, 16-121, 16-120, 16-119, 16-118, 16-117, 16-116, 16-115, 17-122, 17-121, 17-120, 17-119, 17-118, 17-117, 17-116, 17-115, 18-122, 18-121, 18-120, 18-119, 18-118, 18-117, 18-116, 18-115, 19-122, 19-121, 19-120, 19-119, 19-118, 19-117, 19-116, 19-115, 20-122, 20-121, 20-120, 20-119, 20-118, 20-117, 20-116, 20-115, 21-122, 21-121, 21-120, 21-119, 21-118, 21-117, 21-116, 21-115, 22-122, 22-121, 22-120, 22-119, 22-118, 22-117, 22-116, 22-115, 23-122, 23-121, 23-120, 23-119, 23-118, 23-117, 23-116, 23-115, 24-122, 24-121, 24-120, 24-119, 24-118, 24-117, 24-116, 24-115, 25-122, 25-121, 25-120, 25-119, 25-118, 25-117, 25-116, 25-115, 26-122, 26-121, 26-120, 26-119, 26-118, 26-117, 26-116, 26-115, 27-122, 27-121, 27-120, 27-119, 27-118, 27-117, 27-116, 27-115, 28-122, 28-121, 28-120, 28-119, 28-118, 28-117, 28-116, 28-115, 29-122, 29-121, 29-120, 29-119, 29-118, 29-117, 29-116, 29-115, 30-122, 30-121, 30-120, 30-119, 30-118, 30-117, 30-116, 30-115, 31-122, 31-121, 31-120, 31-119, 31-118, 31-117, ~~or~~ 31-116, 31-115, 32-122, 32-121, 32-120, 32-119, 32-118, 32-117, 32-116, or 32-115 of SEQ ID NO: 16;

or variants thereof, provided however, that when the truncated sTNFR polypeptide comprises the amino acid residues 15-122, 16-122, 17-122, 18-122, 19-122, 20-122, 21-122, 22-122, 23-122,

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24-122, 25-122, 26-122, 27-122, 28-122, 29-122, 30-122, ~~or~~ 31-122, or 32-122 of SEQ ID NO: 16, the polypeptide does not further comprise amino acid residues 123-179 of SEQ ID NO: 16, or a portion thereof.

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AMENDMENTS TO THE CLAIMS

Marked Up Versions of Amended Claims under 37 C.F.R. 1.121(c)(1)(ii)

1. (Twice Amended) A truncated sTNFR polypeptide comprising amino acid residues 1-110, 1-109, 1-108, 1-107, 1-106, 1-105, 1-104, 1-103, 2-110, 2-109, 2-108, 2-107, 2-106, 2-105, 2-104, 2-103, 3-110, 3-109, 3-108, 3-107, 3-106, 3-105, 3-104, 3-103, 4-110, 4-109, 4-108, 4-107, 4-106, 4-105, 4-104, 4-103, 5-110, 5-109, 5-108, 5-107, 5-106, 5-105, 5-104, 5-103, 6-110, 6-109, 6-108, 6-107, 6-106, 6-105, 6-104, 6-103, 7-110, 7-109, 7-108, 7-107, 7-106, 7-105, 7-104, 7-103, 8-110, 8-109, 8-108, 8-107, 8-106, 8-105, 8-104, 8-103, 9-110, 9-109, 9-108, 9-107, 9-106, 9-105, 9-104, 9-103, 10-110, 10-109, 10-108, 10-107, 10-106, 10-105, 10-104, 10-103, 11-110, 11-109, 11-108, 11-107, 11-106, 11-105, 11-104, 11-103, 12-110, 12-109, 12-108, 12-107, 12-106, 12-105, 12-104, 12-103, 13-110, 13-109, 13-108, 13-107, 13-106, 13-105, 13-104, 13-103, 14-110, 14-109, 14-108, 14-107, 14-106, 14-105, 14-104, 14-103, 15-110, 15-109, 15-108, 15-107, 15-106, 15-105, 15-104, 15-103, 16-110, 16-109, 16-108, 16-107, 16-106, 16-105, 16-104, 16-103, 17-110, 17-109, 17-108, 17-107, 17-106, 17-105, 17-104, 17-103, 18-110, 18-109, 18-108, 18-107, 18-106, 18-105, ~~or~~ 18-104, 18-103, 19-110, 19-109, 19-108, 19-107, 19-106, 19-105, 19-104, or 19-103 of SEQ ID NO: 2;

or variants and derivatives thereof; provided however, that when the truncated sTNFR polypeptide comprises amino acid residues 3-110, 4-110, 5-110, 6-110, 7-110, 8-110, 9-110, 10-110, 11-110, 12-110, 13-110, 14-110, 15-110, 16-110, 17-110, ~~or~~ 18-110, or 19-110 of SEQ ID NO: 2, the polypeptide does not further comprise amino acid residues 111-161 of SEQ ID NO: 2, or a portion thereof;

and optionally further comprising an amino-terminal methionine.

3. (Twice Amended) A truncated sTNFR polypeptide comprising amino acid residues 1-122, 1-121, 1-120, 1-119, 1-118, 1-117, 1-116, 1-115, 2-122, 2-121, 2-120, 2-119, 2-118, 2-117, 2-116, 2-115, 3-122, 3-121, 3-120, 3-119, 3-118, 3-117, 3-116, 3-115, 4-122, 4-121, 4-120, 4-119, 4-118, 4-117, 4-116, 4-115, 5-122, 5-121, 5-120, 5-119, 5-118, 5-117, 5-116, 5-116, 6-122, 6-121, 6-120, 6-119, 6-118, 6-117, 6-116, 6-115, 7-122, 7-121, 7-120, 7-119, 7-118, 7-117, 7-116, 7-115, 8-122, 8-121, 8-120, 8-119, 8-118, 8-117, 8-116, 8-115, 9-122, 9-121, 9-120, 9-119, 9-118, 9-117, 9-116, 9-115, 10-122, 10-121, 10-120, 10-119, 10-118, 10-117, 10-116, 10-115,

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11-122, 11-121, 11-120, 11-119, 11-118, 11-117, 11-116, 11-115, 12-122, 12-121, 12-120, 12-119, 12-118, 12-117, 12-116, 12-115, 13-122, 13-121, 13-120, 13-119, 13-118, 13-117, 13-116, 13-115, 14-122, 14-121, 14-120, 14-119, 14-118, 14-117, 14-116, 14-115, 15-122, 15-121, 15-120, 15-119, 15-118, 15-117, 15-116, 15-115, 16-122, 16-121, 16-120, 16-119, 16-118, 16-117, 16-116, 16-115, 17-122, 17-121, 17-120, 17-119, 17-118, 17-117, 17-116, 17-115, 18-122, 18-121, 18-120, 18-119, 18-118, 18-117, 18-116, 18-115, 19-122, 19-121, 19-120, 19-119, 19-118, 19-117, 19-116, 19-115, 20-122, 20-121, 20-120, 20-119, 20-118, 20-117, 20-116, 20-115, 21-122, 21-121, 21-120, 21-119, 21-118, 21-117, 21-116, 21-115, 22-122, 22-121, 22-120, 22-119, 22-118, 22-117, 22-116, 22-115, 23-122, 23-121, 23-120, 23-119, 23-118, 23-117, 23-116, 23-115, 24-122, 24-121, 24-120, 24-119, 24-118, 24-117, 24-116, 24-115, 25-122, 25-121, 25-120, 25-119, 25-118, 25-117, 25-116, 25-115, 26-122, 26-121, 26-120, 26-119, 26-118, 26-117, 26-116, 26-115, 27-122, 27-121, 27-120, 27-119, 27-118, 27-117, 27-116, 27-115, 28-122, 28-121, 28-120, 28-119, 28-118, 28-117, 28-116, 28-115, 29-122, 29-121, 29-120, 29-119, 29-118, 29-117, 29-116, 29-115, 30-122, 30-121, 30-120, 30-119, 30-118, 30-117, 30-116, 30-115, 31-122, 31-121, 31-120, 31-119, 31-118, 31-117, ~~or~~ 31-116, 31-115, 32-122, 32-121, 32-120, 32-119, 32-118, 32-117, 32-116, or 32-115 of SEQ ID NO: 16;

or variants and derivatives thereof; provided however, that when the truncated sTNFR polypeptide comprises the amino acid residues 15-122, 16-122, 17-122, 18-122, 19-122, 20-122, 21-122, 22-122, 23-122, 24-122, 25-122, 26-122, 27-122, 28-122, 29-122, 30-122, ~~or~~ 31-122, or 32-122 of SEQ ID NO: 16, the polypeptide does not further comprise amino acid residues 123-179 of SEQ ID NO: 16, or a portion thereof;

and optionally further comprising an amino-terminal methionine.

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